

DOCUMENT ID: 0000200700	SHAPE / SIZE Channel / 1 1/2X1/2X1/8	GRADE A36/44W
HEAT / BATCH 52108668/03	WEIGHT 5.018 LB	LENGTH 20'00"
SPECIFICATION / DATE or REVISION ASME SA36 ASTM A6-17, A36-14 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13		

CUSTOMER MATERIAL N°	SALES ORDER 12406024/000020
DATE 02/02/2023	BILL OF LADING 1301-0000061685

GERDAU
 CA-ML-CAMBRIDGE
 160 ORION PLACE
 CAMBRIDGE, ON N1T 1R9
 Canada

CUSTOMER PURCHASE ORDER NUMBER
 SSW131798

CHEMICAL COMPOSITION		MECHANICAL PROPERTIES		UTS (MPa)		YS (PSI)		YS (MPa)			
C (%)	Mn (%)	P (%)	S (%)	SI (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Sn (%)
0.15	0.79	0.014	0.024	0.17	0.24	0.10	0.22	0.034	0.003	0.001	0.010
Elong. (%) 30.00 25.50		G/L (Inches) 8.000 8.000		UTS (PSI) 70605 71170		UTS (MPa) 487 491		YS (PSI) 50538 50857		YS (MPa) 348 351	

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of the company. We certify that these data are correct and in compliance with specified requirements. No weld repair was performed on this material. The material has not been in contact with mercury while in Gerdaun possession. For all products other than billets, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, and Hot Rolled) in Canada. For billets, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in Canada. CMTR complies with EN 10204 3.1.

Bhaskar Yalamanchili
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR
 Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Leonardo Nunes
 LEONARDO NUNES
 QUALITY ASSURANCE MGR.
 Phone: (905) 668-8811 EXT 4055 Email: Leonardo.Nunes@gerdau.com